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# Operation Manual

AUDIO MASTER UNIT

# AXM-P90RS

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*English*

## Thank you for buying this Pioneer product.

Please read through these operating instructions so you will know how to operate your model properly. *After you have finished reading the instructions, keep this manual in a safe place for future reference.*

### 01 Before You Start

- About this unit 3
- Visit our website 3
- In case of trouble 4
- Use and care of the remote control 4
- Resetting the microprocessor 5

### 02 What's What

- Display unit 6
- Card remote control 6
- Steering remote control 7

### 03 Basic Operations

- Turning the unit on 8
- Selecting a source 8
- Adjusting the volume 8
- Turning the unit off 8

### 04 Initial Settings

- Adjusting initial settings 9
- Setting the clock 9
- Setting the display appearance 10
- Configure the general settings 11
- Setting the menu lock 11
- Setting the audio processor 11

### 05 Available accessories

- Playing songs on iPod 13
- Multi-CD Player 15
- DVD Player 18
- TV tuner 21
- Auxiliary (AUX) devices 22

### 06 Audio unit control

- Controlling the audio processor 24
- Differentia of the audio function 24

### 07 Other Functions

- Other Functions 25

### 08 Connections

- Connecting the power cable 27
- Connecting the audio processor 28
- Connecting the Pioneer IP-BUS devices 29
- Connecting the AUX devices 30
- Selecting the input setting switch 31
- Using the speaker-RCA conversion cable 31

### 09 Installation

- Installing the hide-away unit 32
- Installing the display unit 33
- Installing the steering remote control 37

### Additional Information

- Troubleshooting 39
- Specifications 40

## Before You Start



If you want to dispose this product, do not mix it with general household waste. There is a separate collection system for used electronic products in accordance with legislation that requires proper treatment, recovery and recycling.

Private households in the member states of the EU, in Switzerland and Norway may return their used electronic products free of charge to designated collection facilities or to a retailer (if you purchase a similar new one). For countries not mentioned above, please contact your local authorities for the correct method of disposal.

By doing so you will ensure that your disposed product undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health. ■

## About this unit

This unit is designed to control the Pioneer Audio Processor (e.g. RS-A9 or DEQ-P90). Using this unit converts the sound from your car audio into the high quality sound of the Pioneer audio processor without combining the Pioneer ODR series CD Player or Pioneer Reference series CD Player.

Also, the supplied remote control can control the separately sold Pioneer DVD player (e.g. XDV-P6), Pioneer Multi-CD player, Pioneer iPod adaptor (e.g. CD-IB100II) and Pioneer TV tuner.

- This unit can control five devices as AUX sources. The following devices can be connected to this unit.

- Devices with RCA output; This unit controls them as **AUX1 Main** or **AUX2 AUX**.
- Devices with digital output; This unit controls it as **AUX3 Digital**.
- Devices with 3.5 mm mini plug; This unit controls it as **AUX4 MiniPlug**.
- Devices with Pioneer IP-BUS; This unit controls it as **AUX5 IP-BUS**.
- If the equipment you want to connect as an AUX unit does not have an RCA output, the supplied speaker-RCA conversion cable can be used. For details, refer to *Using the speaker-RCA conversion cable* on page 31.

## ! CAUTION

- Do not allow this unit to come into contact with liquids. Electrical shock could result. Also, damage to this unit, smoke, and overheating could result from contact with liquids.
- Keep this manual handy as a reference for operating procedures and precautions.
- Always keep the volume low enough so that you can hear sounds from outside the vehicle.
- Protect this unit from moisture.
- If the battery is disconnected or discharged, the preset memory will be erased and must be reprogrammed. ■

## Visit our website

Visit us at the following site:

<http://www.pioneer.co.uk>

- Register your product. We will keep the details of your purchase on file to help you refer to this information in the event of an insurance claim such as loss or theft.
- We offer the latest information about Pioneer Corporation on our website. ■

## In case of trouble

Should this product fail to operate properly, contact your dealer or nearest authorized Pioneer Service Station. ■

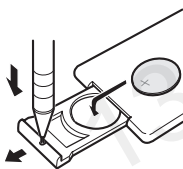
## Use and care of the remote control

### Installing the battery

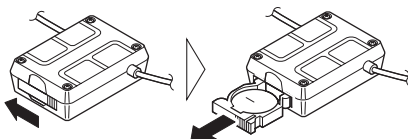
Slide the tray on the back of the remote control out and insert the battery with the plus (+) and minus (−) poles pointing in the proper direction.

- When using for the first time, pull out the film protruding from the tray.

### Card remote control



### Steering remote control



### WARNING

Keep the battery out of the reach of children. Should the battery be swallowed, consult a doctor immediately.



### CAUTION

- Use one **CR2025 (3 V)** lithium battery.

- Remove the battery if the remote control is not used for a month or longer.
- There is a danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type.
- Do not handle the battery with metallic tools.
- Do not store the battery with metallic objects.
- In the event of battery leakage, wipe the remote control completely clean and install a new battery.
- When disposing of used batteries, please comply with governmental regulations or environmental public institutions' rules that apply in your country/area.
- Always check carefully that you are loading the battery with its plus (+) and minus (−) poles facing the proper directions.

## Using the remote control



### Important

- Do not store the remote control in high temperatures or direct sunlight.
- Do not let the remote control fall onto the floor, where it may become jammed under the brake or accelerator pedal.
- If any of the following problems occur, immediately stop using the unit and consult the dealer from whom you purchased it.
  - Smoke is coming from the unit.
  - Abnormal odor is coming from the unit.
  - A foreign object has entered the unit.
  - Liquid has been spilled on or into the unit.
 If you continue to use this unit without finding a remedy, the unit may be damaged badly, resulting in a serious accident or fire.
- Do not disassemble or modify this unit. To do so may cause a malfunction.
- Do not operate this unit while manipulating the steering wheel as it might result in a traffic accident.

## Before You Start

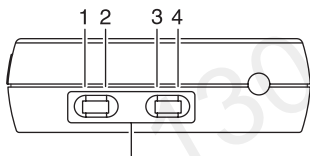
- If you need to operate this unit while driving, look ahead carefully to avoid being involved in a traffic accident.
- Do not leave this steering remote control free (unattached). When stopping the car or turning, the unit might drop on the floor. If the unit rolls under the brake pedal, it might prevent the driver from braking properly, causing serious problems. Be sure to fix the steering remote control to the steering wheel.

### Card remote control

- Point the remote control in the direction of the remote control sensor to operate.
- The remote control may not function properly in direct sunlight.

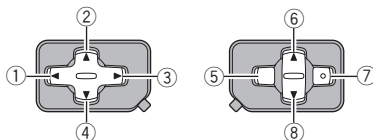
### Steering remote control

- Key assignment can be changed by selecting the DIP switch.



DIP switch

- Key assignment conversion chart



DIP switch	1-3 1-4	2-3 2-4
①	◀	▶
②	▼	▲
③	▶	▲
④	▲	▼
⑤	ATT	ATT
⑥	VOLUME (-)	VOLUME (+)

DIP switch	1-3 1-4	2-3 2-4
⑦	SOURCE	SOURCE
⑧	VOLUME (+)	VOLUME (-)

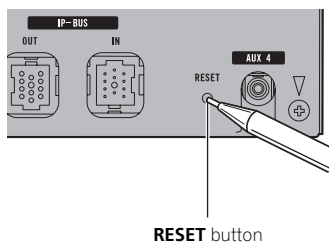
- If DIP switch is selected to **1-3** or **2-3**, the steering remote control controls this unit.
- If DIP switch is selected to **1-4** or **2-4**, this steering remote control can be used as a general purpose for Pioneer unit. ■

## Resetting the microprocessor

The microprocessor must be reset under the following conditions:

- Prior to using this unit for the first time after installation
- If the unit fails to operate properly
- When strange or incorrect messages appear on the display

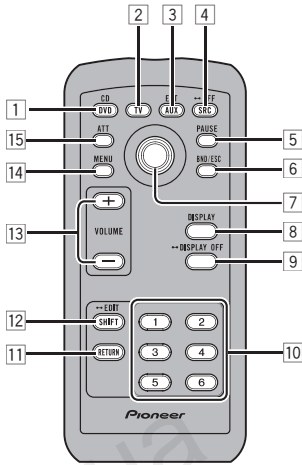
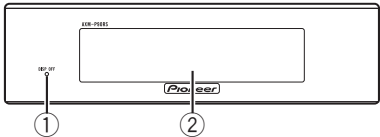
- Press RESET with a pen tip or other pointed instrument.



RESET button







## Display unit

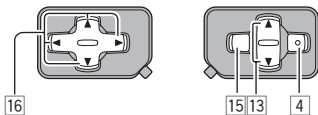
- ① **Display off indicator**  
Lights up when the display indication is turned off.
- ② **Information display**  
Display information for each connected-source and its settings. ■

## Card remote control

- ① **CD/DVD button**  
Press to select a **iPod** (iPod), **Multi CD** (CD player) or **DVD** (DVD player) source .
- ② **TV button**  
Press to select a **TV** (TV) source.
- ③ **AUX/EXT button**  
Press to select an **AUX** (AUX) or **External** (external) source.

- ④ **SOURCE button**  
Press to cycle through all the available sources. Press and hold to turn the source off.
- ⑤ **PAUSE button**  
Press to turn pause on or off.
- ⑥ **BAND button**  
Press to select among two TV bands and to cancel the control mode of functions.
- ⑦ **Thumb pad**  
Move to perform manual seek tuning, fast forward, reverse and track search controls. Also used for controlling functions. Click and hold to change between normal playback display and menu setting display.
  - Clicking and holding thumb pad corresponds to the opening or closing operation of the remote control cover described in the audio processor's manual. For details, refer to audio processor's owner's manual.

## What's What



### 8 DISPLAY button

Press to display different information on the selected channel. Press and hold to switch the scroll setting.

### 9 DISPLAY OFF button

Press and hold to turn the display indication off or on to reduce noise.

### 10 FUNC 1 to FUNC 6 buttons

Press to select and control functions.

### 11 RETURN button

Press to change to the menu setting display from the detail setting display.

### 12 SHIFT button

Press to change to the detail setting display from the menu setting display.

### 13 VOLUME buttons

Press to increase or decrease the volume.

### 14 MENU button

Press to cycle through audio menus; **Main** (main menu), **Equalizer** (equalizer menu) or **Network** (network menu).

### 15 ATT button

Press to quickly lower the volume level by about 90%. Press once more to return to the original volume level. ■

## Steering remote control

### 16 ▲/▼/◀/▶ buttons

Press to perform manual seek tuning, fast forward, reverse and track search controls. Also used for controlling functions. ■



## Turning the unit on

- **Press SOURCE to turn the unit on.**

When you select a source, the unit is turned on. 

## Selecting a source

- **Press SOURCE to select a source.**

Press **SOURCE** repeatedly to switch between the following sources:

**TV** (television)—**S-DVD** (DVD player/multi-DVD player)—**Multi CD** (multi-CD player)—**iPod** (iPod)—**External** (external unit 1)—**External** (external unit 2)—**AUX1 Main** (AUX1)—**AUX2 AUX** (AUX2)—**AUX3 Digital** (AUX3)—**AUX4 MiniPlug** (AUX4)—**AUX5 IP-BUS** (AUX5)

- **Press CD/DVD, TV or AUX/EXT to select a source.**

Press each button repeatedly to switch between the following sources:


- **CD/DVD:**  
**S-DVD** (DVD player/multi-DVD player)—**Multi CD** (multi-CD player)—**iPod** (iPod)—Sources off
- **TV:**  
**Television** (television)—Sources off
- **AUX/EXT:**  
**External** (external unit 1)—**External** (external unit 2)—**AUX1 Main** (AUX1)—**AUX2 AUX** (AUX2)—**AUX3 Digital** (AUX3)—**AUX4 MiniPlug** (AUX4)—**AUX5 IP-BUS** (AUX5)—Source off



### Notes

- In the following cases, the sound source will not change:
  - When no unit corresponding to the selected source is connected.

- When there is no magazine in the multi-CD player.
- When there is no magazine in the multi-DVD player.
- When there is no disc in the DVD player.
- When AUX (auxiliary input) is set to off (refer to page 11).


- External unit refers to a Pioneer product (such as ones available in the future) that, although incompatible as a source, enables control of basic functions with this unit. Two external units can be controlled with this unit. When two external units are connected, the allocation to external unit 1 or external unit 2 is automatically set by this unit. 

## Adjusting the volume

- **Use VOLUME to adjust the sound level.**

Press to increase or decrease the volume. 

## Turning the unit off

- **Press SOURCE and hold until the unit turns off.** 

## Initial Settings

### Adjusting initial settings



Using the initial settings, you can customize various system settings to achieve optimal performance from this unit.

#### ① Initial setting screen

Shows the function names and status.

#### 1 Press SOURCE and hold until the unit turns off.

- Pressing **CD/DVD**, **TV** or **AUX/EXT** can also turn this unit off.

#### 2 Press SHIFT to display the initial setting display.

Clock adjustment menu, display setting menu, general setting menu and menu lock can be selected from this screen.

#### 3 Press FUNC 1 to FUNC 5 to select the desired setting.

**FUNC 1:** Press to switch to the clock adjustment menu. (*Setting the clock on this page*)

**FUNC 2:** Press to switch to the display setting menu. (*Setting the display appearance on the next page*)

**FUNC 3:** Press to switch to the general setting menu. (*Configure the general settings on page 11*)

**FUNC 4:** Press to turn the menu lock on or off. (*Setting the menu lock on page 11*)

**FUNC 5:** Press to switch to the audio processor setting menu. (*Setting the audio processor on page 11*)

#### 4 Press BAND to exit the initial setting display.

### Setting the clock

Use these instructions to set the clock.

#### Switching to clock adjustment screen

- Press **FUNC 1** on the initial setting screen.



Clock adjustment screen is displayed and the clock can now be set.

#### Setting the clock

##### 1 Move the thumb pad to select the segment of the clock display you wish to set.

Moving the thumb pad left or right will select one segment of the clock display:  
Hour—Minute

##### 2 Move the thumb pad to set the clock.

Moving the thumb pad up will increase the selected hour or minute. Moving the thumb pad down will decrease the selected hour or minute.

#### Setting the clock by the time signal

- Press **FUNC 2** on the clock adjustment screen.

Pressing **FUNC 2** will reset the minutes segment.

If **00** to **29**, the minutes are rounded down.  
(e.g., **10:18** becomes **10:00**.)

If **30** to **59**, the minutes are rounded up. (e.g., **10:36** becomes **11:00**.)

## Turning the off clock display on or off


If the off clock display is turned on, the clock appears on the display when the sources are off.

- Press **FUNC 1** on the clock adjustment screen.

Pressing **FUNC 1** repeatedly will turn the clock display on or off.

## Returning to the initial setting screen

- Press **RETURN**.

Pressing **RETURN** takes you back to the initial setting display. 

## Setting the display appearance

### Switching to display setting screen

- Press **FUNC 2** on the initial setting screen.



Display setting screen is displayed. Display settings can now be set.

## Adjusting the brightness

You can adjust the display brightness.

- Move the thumb pad to adjust the brightness level.

Moving the thumb pad left or right increases or decreases the brightness level.

## Switching the dimmer setting

To prevent the display from being too bright at night, the display is automatically dimmed when the car's headlights are turned on. You can turn the dimmer on or off.

- Press **FUNC 1** on the display setting screen.

Pressing **FUNC 1** repeatedly will turn the dimmer on or off.

## Selecting the wallpaper pattern

You can select a display wallpaper.

- Press **FUNC 2** on the display setting screen.

Pressing **FUNC 2** repeatedly will switch the display wallpaper.

## Switching the reverse mode


If you do not perform an operation for about 30 seconds, screen indications start to reverse, and continue reversing every 10 seconds.

- Press **FUNC 3** on the display setting screen.

Pressing **FUNC 3** repeatedly will turn the reverse mode on or off.

## Returning to the initial setting screen

- Press **RETURN**.

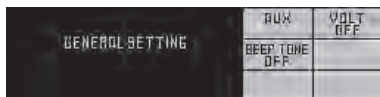
Pressing **RETURN** takes you back to the initial setting display. 

## Initial Settings

### Configure the general settings

#### Switching to general setting screen

- Press **FUNC 3** on the initial setting screen.



General setting screen is displayed and general settings are now available.

#### Switching the auxiliary setting

This unit can control up to five auxiliary devices. Each auxiliary device's setting must be activated independently in order to connect and use with this unit. Before using auxiliary devices, be sure to configure this setting.

- 1 Press **FUNC 1** on the general setting screen.

AUX setting screen is displayed and AUX settings are now available.

- 2 Press the button (**FUNC 1** to **FUNC 5**) that has auxiliary device assigned.

Pressing the button (**FUNC 1** to **FUNC 5**) repeatedly will turn the auxiliary device on or off independently.

#### Setting the battery voltage indication

Shows the battery voltage.

- Voltage indicator may differ from the actual voltage level.
- Press **FUNC 2** on the general setting screen.

Pressing **FUNC 2** repeatedly will turn the battery voltage indication on or off.

### Setting the confirmation sound

The short beep that sounds when operating this unit can be turned on or off.

- This function is effective only when the remote control sensor is installed.

- Press **FUNC 3** on the general setting screen.

Pressing **FUNC 3** repeatedly will turn the confirmation beep sound on or off.

#### Returning to the initial setting screen

- Press **RETURN**.

Pressing **RETURN** takes you back to the initial setting display.

### Setting the menu lock

Menu lock avoids the readjusting of audio settings. If menu lock is turned on, all audio adjustment are turned off.

#### Setting the menu lock

- Press **FUNC 4** on the initial setting screen.

Pressing **FUNC 4** repeatedly will turn the menu lock on or off.

### Setting the audio processor

In order to use this system correctly, this unit needs to be adapted to the connected audio processor. Before using this system, set this function correctly.

## Setting the audio processor

1 Press FUNC 5 on the initial setting screen.



Audio processor setting screen is displayed and audio processor settings are now available.

2 Press FUNC 1 to FUNC 4 to select the connected audio processor.

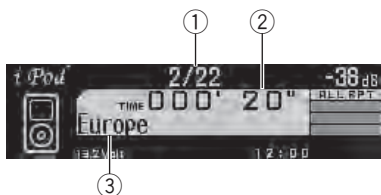
- **DEQ:** When DEQ-P90 is connected.
- **A9:** When RS-A9 is connected.
- **P90:** When RS-P90 is connected.
- **P70:** When RS-P70x (II) is connected.  
— RS-P70x (II) is only available in Japan. ☐

## Available accessories

### Playing songs on iPod

#### Listening to songs on your iPod

*You can use this unit to control an interface adapter for iPod, which is sold separately.*



- ① Song number indicator  
Shows the number of the song playing.
- ② Play time indicator
- ③ Text information

#### 1 Press SOURCE to select the iPod.

While connected to this unit, **PIONEER** (or ✓ (check mark)) is displayed on the iPod.

- Pressing **CD/DVD** can also select **iPod**.

#### 2 To perform fast forward or reverse, hold the thumb pad left or right.

#### 3 To skip back or forward to another track, move the thumb pad left or right.

Moving the thumb pad right skips to the start of the next song. Moving it left once skips to the start of the current song. Moving it left again will skip to the previous song.



#### Notes

- If an error message is displayed, refer to the interface adapter for iPod owner's manual.
- When the ignition switch is set to ACC or ON, the iPod's battery is charged while the iPod is connected to this unit.
- While the iPod is connected to this unit, the iPod cannot be turned on or off.
- Before connecting the dock connector to the iPod, disconnect the headphones.
- The iPod is turned off about two minutes after the ignition switch is set to OFF.

### Browsing for a song

Operations to control an iPod with this unit is designed to be as close to the iPod to make operation and song search easy.

- If the characters recorded on the iPod are not compatible with this unit, those characters will not be displayed.

#### 1 Move the thumb pad up or down to select a category.

Moving the thumb pad up or down selects the category in the following order:

**PLAYLIST** (playlists)—**ARTIST** (artists)—**ALBUM** (albums)—**SONG** (songs)—**GENRE** (genres)

List for the selected category is displayed.

#### 2 Move the thumb pad right to determine the category.

List for the selected category is displayed.

- You can start playback throughout the selected category by holding the thumb pad right.

#### 3 Move the thumb pad up or down to select a playlist, song list, album list, artist list or genre list from the lists.

Moving the thumb pad up or down switches the list.

#### 4 Move the thumb pad right to determine the list.

Lists for the selected list are displayed.

#### 5 Repeat steps 3 and 4 to find a song you want to listen to.

- When you selected **GENRE**, **ARTIST**, **ALBUM** or **SONG**, you can start playback throughout the selected list. To do this, hold the thumb pad right.
- To return to the previous group of list titles, move the thumb pad left.
- To return to the category select display, hold the thumb pad left.

### Selecting a playlist

You can select a playlist from your iPod.

- If the characters recorded on the iPod are not compatible with this unit, those characters will not be displayed.

- If playlist has been selected, first, this unit shows playlist of your iPod's name. This plays all the songs in your iPod.
- **Move the thumb pad up or down to select a playlist.**
  - Playlist name is displayed for four seconds.
  - If no songs have been stored in the playlist, **STOP** is displayed and playback stops.

### Displaying text information on iPod

- **Press DISPLAY to select the desired text information.**

Track number, play time and song title—track number, play time and artist name—track number, play time and album title

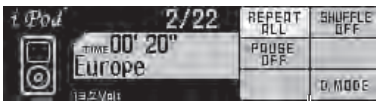
  - If the characters recorded on the iPod are not compatible with this unit, those characters will not be displayed.



**Note**

You can scroll the text information to the left by pressing and holding **DISPLAY**.

### Function control



①

- ① Function control screen  
Shows the function names and status.

**1 Click and hold the thumb pad to display the function control screen.**

**2 Press FUNC 1 to FUNC 6 to control the desired function.**

**FUNC 1:** Press to control repeat play. (*Repeating play on this page*)

**FUNC 2:** Press to control shuffle play. (*Playing songs in a random order (shuffle) on this page*)

**FUNC 3:** Press to control pause. (*Pausing a song on the next page*)

**FUNC 6:** Press to control the display indication. (*Switching the display on the next page*)

**3 Click and hold the thumb pad to exit the function control screen.**

### Repeating play

For playback of the songs on the iPod, there are two repeat play ranges: **REPEAT ONE** (repeat one song) and **REPEAT ALL** (repeat all songs in the list).

- While **REPEAT** is set to **REPEAT ONE**, you cannot select other songs.

- **Press FUNC 1 on the function control screen.**

Pressing **FUNC 1** repeatedly will turn repeat play on or off.

Press **FUNC 1** repeatedly until the desired setting appears in the display.

- **REPEAT ONE** – Repeat the current song
- **REPEAT ALL** – Repeat all songs in the selected list

### Playing songs in a random order (shuffle)

For playback of songs on the iPod, there are two random play methods: **SHUFFLE SONGS** (play back songs in a random order) and **SHUFFLE ALBUMS** (play back albums in a random order).

- **Press FUNC 2 on the function control screen.**

Press **FUNC 2** repeatedly until the desired setting appears in the display.

- **SHUFFLE SONGS** – Play back songs in the selected list in random order.
- **SHUFFLE ALBUMS** – Play back songs from a randomly selected album in order.
- **SHUFFLE OFF** – Cancel random play



## Available accessories

### Pausing a song

- Press **FUNC 3** on the function control screen.

Pressing **FUNC 3** repeatedly will turn pause on or off.

### Switching the display

Display indication can be selected between normal playback screen and simple screen. When simple screen is selected, only the song number is displayed.

- Press **FUNC 6** on the function control screen.

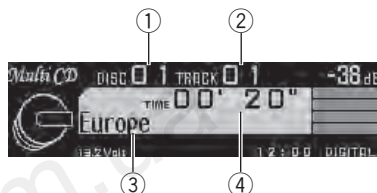
Pressing **FUNC 6** repeatedly will switch the display indication. 

## Multi-CD Player

### Basic Operations

*You can use this unit to control a multi-CD player, which is sold separately.*

- Only functions described in this manual are supported by 50-disc multi-CD players.
- This unit is not designed to operate disc title list functions with a 50-disc multi-CD player. For information about the disc title list functions, refer to *Selecting discs from the disc title list* on the next page.



- ① Disc number indicator  
Shows the number of the disc playing.
- ② Track number indicator  
Shows the number of the track playing.
- ③ Text information
- ④ Play time indicator

#### 1 Press **SOURCE** to select the Multi CD.

- Pressing **CD/DVD** can also select **Multi CD**.

#### 2 Move the thumb pad up or down to select a desired disc.

#### 3 To perform fast forward or reverse, hold the thumb pad left or right.

#### 4 To skip back or forward to another track, move the thumb pad left or right.



#### Notes

- When multi-CD player completes preparatory operations, **Ready** is displayed.
- If an error message such as **ERROR-11** is displayed, refer to the multi-CD player owner's manual.
- If there are no discs in the multi-CD player magazine, **NO DISC** is displayed.

## Function control



①

- ① Function control screen  
Shows the function names and status.

**1 Click and hold the thumb pad to display the function control screen.**

**2 Press FUNC 1 to FUNC 6 to control the desired function.**

**FUNC 1:** Press to select the repeat play range. (*Selecting a repeat play range on this page*)

**FUNC 2:** Press to control random play. (*Playing tracks in random order on this page*)

**FUNC 3:** Press to control scan play. (*Scanning CDs and tracks on this page*)

**FUNC 4:** Press to control pause. (*Pausing disc playback on this page*)

**FUNC 5:** Press to display the disc title list screen. (*Selecting discs from the disc title list on this page*)

**FUNC 6:** Press to control the display indication. (*Switching the display on the next page*)

**3 Click and hold the thumb pad to exit the function control screen.**

## Selecting a repeat play range

Repeat play plays the selected play range repeatedly. Also, the repeat range determines the range of random play and scan play.

● **Press FUNC 1 on the function control screen.**

Press **FUNC 1** repeatedly until the desired setting appears in the display.

- **MCD** – Repeat all discs in the multi-CD player
- **D.REPEAT** – Repeat the current disc
- **REPEAT** – Repeat just the current track

## Playing tracks in random order

Tracks in a selected repeat range are played in random order.

Refer to *Selecting a repeat play range* on this page.

● **Press FUNC 2 on the function control screen.**

Pressing **FUNC 2** repeatedly will turn random play on or off.

## Scanning CDs and tracks

Scan play searches the song or disc within the selected repeat range.

Refer to *Selecting a repeat play range* on this page.

**1 Press FUNC 3 on the function control screen.**

Pressing **FUNC 3** repeatedly will turn scan play on or off.

The first 10 seconds of each track of the current disc (or the first track of each disc) are played.

■ After scanning is finished, normal playback of the tracks will begin.

**2 When you find the desired track (or disc) press FUNC 3 to turn scan play off.**

The track (or disc) will continue to play.

## Pausing disc playback

● **Press FUNC 4 on the function control screen.**

Pressing **FUNC 4** repeatedly will turn pause on or off.

## Selecting discs from the disc title list

Disc title list lets you see the list of disc titles entered into the multi-CD player and select one of them to play back.

## Available accessories

### 1 Press FUNC 5 on the function control screen.

Disc title list screen is displayed.

### 2 Move the thumb pad left or right to select a desired disc.

- If no title has been entered for a disc, **No D.Title** will be displayed.
- **NO DISC** is displayed next to the disc number when there is no disc in the magazine.

### 3 Move the thumb pad up to determine the list.

### 4 Press RETURN to switch to the function control screen.

## Switching the display

Display indication can be selected between normal playback screen and simple screen. When simple screen is selected, only the disc number and track number are displayed.

### ● Press FUNC 6 on the function control screen.

Pressing **FUNC 6** repeatedly will switch the display indication.

## Selecting a disc directly

### 1 Press SHIFT on the function control screen.

Disc direct select screen is displayed.

### 2 Press FUNC 1 to FUNC 6 to select the desired disc number DISC 1 to DISC 6.

To select a disc stored in **DISC 7** to **DISC12**, press **SHIFT** again to switch the disc direct screen. And then, press **FUNC 1** to **FUNC 6** to select a desired disc.

### 3 Press RETURN to switch to the function control screen.

The track for the entered number will play.

## Using disc title functions

You can input CD titles and display the title. The next time you insert a CD for which you have entered a title, the title of that CD will be displayed.

### Entering disc titles

Use the disc title input feature to store up to 48 CD titles in the unit. Each title can be up to 20 characters long.

### 1 Play the CD that you want to enter a title for.

### 2 Click and hold the thumb pad to display the function control screen.

### 3 Press and hold SHIFT on the function control screen.

Disc title edit screen is displayed.

### 4 Press FUNC 1 or FUNC 2 to select the character type.

**FUNC 1:** Alphabet, numbers and symbols

**FUNC 2:** Numbers and symbols

### 5 Move the thumb pad up or down to select a letter of the alphabet.

### 6 Move the thumb pad left or right to move the cursor to the previous or next character position.

### 7 If you have completed entering the disc title, press FUNC 5 to store in memory.

### 8 Press RETURN to switch to the function control screen.

- Pressing **FUNC 6** also switches to the function control screen.



### Notes

- Titles remain in the memory even after the disc has been removed from the magazine, and are recalled when the disc is reinserted.
- After data for 48 discs have been stored in the memory, data for a new disc will overwrite the oldest one.

## Displaying text information on disc

- You can use this function only when CD TEXT disc is playing.

- **Press DISPLAY to select the desired text information.**

Play time and disc title—play time and disc artist name—play time and track title—play time and track artist name



### Notes

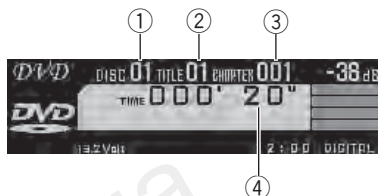
- You can scroll to the left of the title by pressing and holding **DISPLAY**.
- If specific information has not been recorded on a disc, title or name is not displayed.

## DVD Player

### Basic Operations

*You can use this unit to control a DVD player or multi-DVD player, which is sold separately.*

- Multi-DVD player that has disc title functions can also be connected to this unit. In this case, disc title list and disc title input can be controlled.



- ① Disc number indicator  
Shows the number of the disc currently playing when using a multi-DVD player.
- ② Title/Folder number indicator  
Shows the title (when playing DVD video) or folder (when playing compressed audio) of the selection currently playing.
- ③ Chapter/track number indicator  
Shows the chapter (when playing DVD video) or track (when playing Video CD, CD or compressed audio) currently playing.
- ④ Play time indicator

### 1 Press SOURCE to select the DVD.

- Pressing **CD/DVD** can also select **DVD**.

### 2 To perform fast forward or reverse, hold the thumb pad left or right.

### 3 To skip back or forward to another chapter/track, move the thumb pad left or right.

## Selecting a folder

- You can operate this function only when a DVD player compatible with compressed audio playback is connected to this unit.
- **Move the thumb pad up or down to select a folder.**

## Available accessories

### Function control



①

- ① Function control screen  
Shows the function names and status.

**1 Click and hold the thumb pad to display the function control screen.**

**2 Press FUNC 1 to FUNC 6 to control the desired function.**

**FUNC 1:** Press to select the repeat play range. (*Selecting a repeat play range on this page*)

**FUNC 2:** Press to control random play. (*Playing tracks in random order on this page*)

**FUNC 3:** Press to control scan play. (*Scanning folders and tracks on this page*)

**FUNC 4:** Press to control pause. (*Pausing disc playback on this page*)

**FUNC 6:** Press to control the display indication. (*Switching the display on the next page*)

**3 Click and hold the thumb pad to exit the function control screen.**

### Selecting a repeat play range

Tracks in a play range are played repeatedly. Play range varies depending on the media. Also, the repeat range determines the range of random play and scan play.

● **Press FUNC 1 on the function control screen.**

Press **FUNC 1** repeatedly until the desired setting appears in the display.

- **DISC** – Repeat the current disc
- **REPEAT** – Repeat the current track
- **TITLE** – Repeat the current title
- **CHAPTER** – Repeat the current chapter

### Playing tracks in random order

Tracks in a selected repeat range are played in random order.

Refer to *Selecting a repeat play range* on this page.

- This function is available for CD and compressed audio disc.

● **Press FUNC 2 on the function control screen.**

Pressing **FUNC 2** repeatedly will turn random play on or off.

### Scanning folders and tracks

Scan play searches the song or disc within the selected repeat range.

Refer to *Selecting a repeat play range* on this page.

- This function is available for CD and compressed audio disc.

**1 Press FUNC 3 on the function control screen.**

Pressing **FUNC 3** repeatedly will turn scan play on or off.

The first 10 seconds of each track of the current disc (or the first track of each disc) are played.

- After scanning is finished, normal playback of the tracks will begin.

**2 When you find the desired track (or disc) press FUNC 3 to turn scan play off.**

The track (or disc) will continue to play.

### Pausing disc playback

● **Press FUNC 4 on the function control screen.**

Pressing **FUNC 4** repeatedly will turn pause on or off.

## Switching the display

Display indication can be selected between normal playback screen and simple screen. When simple screen is selected, only the disc and title/track numbers are displayed.

- **Press FUNC 6 on the function control screen.**

Pressing **FUNC 6** repeatedly will switch the display indication.

## Selecting a disc directly

- 1 Press SHIFT on the function control screen.**

Disc direct select screen is displayed.

- 2 Press FUNC 1 to FUNC 6 to select the desired disc number DISC 1 to DISC 6.**

- 3 Press RETURN.**

The track for the entered number will play.

## Using disc title functions

You can input CD titles and display the title. The next time you insert a CD for which you have entered a title, the title of that CD will be displayed.

- This function is available for CD.

## Entering disc titles

Use the disc title input feature to store up to 48 CD titles in the unit. Each title can be up to 20 characters long.

- 1 Play the CD that you want to enter a title for.**
- 2 Click and hold the thumb pad to display the function control screen.**
- 3 Press and hold SHIFT on the function control screen.**

Disc title edit screen is displayed.

- 4 Press FUNC 1 or FUNC 2 to select the character type.**

**FUNC 1:** Alphabet, numbers and symbols

**FUNC 2:** Numbers and symbols

- 5 Move the thumb pad up or down to select a letter of the alphabet.**

- 6 Move the thumb pad left or right to move the cursor to the previous or next character position.**

- 7 If you have completed entering the disc title, press FUNC 5 to store in memory.**

- 8 Press RETURN to switch to the function control screen.**

- Pressing **FUNC 6** also switches to the function control screen.



### Notes

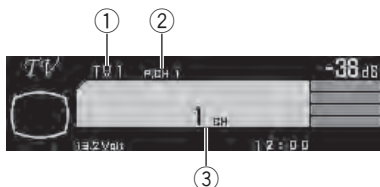
- Titles remain in the memory even after the disc has been removed from the magazine, and are recalled when the disc is reinserted.
- After data for 48 discs have been stored in the memory, data for a new disc will overwrite the oldest one. ■

## Available accessories

### TV tuner

#### Basic Operations

You can use this unit to control a TV tuner, which is sold separately.



- ① Band indicator
- ② Preset number indicator
- ③ Channel indicator

#### 1 Press SOURCE to select the TV.

- Pressing **TV** can also select **TV**.

#### 2 Press BAND to select a band.

Press **BAND** until the desired band (**TV1** or **TV2**) is displayed.

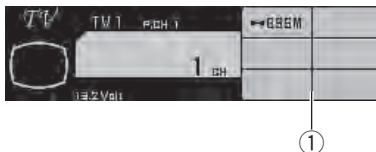
#### 3 To perform manual tuning, move the thumb pad left or right.

#### 4 To perform seek tuning, hold the thumb pad left or right for about one second and release.

The tuner will scan the channels until a broadcast strong enough for good reception is found.

- You can cancel seek tuning by moving the thumb pad left or right.
- If you hold the thumb pad left or right, you can skip broadcasting channels. Seek tuning starts as soon as you release the thumb pad.

### Function control



- ① Function control screen  
Shows the function names and status.

#### 1 Click and hold the thumb pad to display the function control screen.

#### 2 Press and hold FUNC 1 to control the function.

**FUNC 1:** Press and hold to control **BSSM** (best stations sequential memory). (*Storing the strongest broadcast stations sequentially on this page*)

#### 3 Click and hold the thumb pad to exit the function control screen.

### Storing the strongest broadcast stations sequentially

- Press and hold **FUNC 1** on the function control screen.

**BSSM** begins to flash. While **BSSM** is flashing the 6 strongest broadcast stations will be stored in order from the lowest channel up. When finished, **BSSM** stops flashing.

- To cancel the storage process, press **FUNC 1** again.



#### Note

Storing broadcast stations with **BSSM** may replace broadcast stations you have saved using **FUNC 1** to **FUNC 6**.



## Storing and recalling broadcast stations

You can easily store up to 6 broadcast stations for later recall.

- Up to 12 stations, 6 for each of the two TV bands, can be stored in memory.

## Switching to the preset tuning screen

- Press **SHIFT** on the function control screen.

Preset tuning screen is displayed.

- Press **RETURN** to switch to the function control screen.

## Storing presets


- Press and hold **FUNC 1** to **FUNC 6** on the preset tuning screen.

The broadcast station is stored in memory that corresponds to **FUNC 1** to **FUNC 6**.

## Recalling presets

- Press **FUNC 1** to **FUNC 6** on the preset tuning screen.

The broadcast station that corresponds to **FUNC 1** to **FUNC 6** is tuned in.

- Moving the thumb pad up or down also recalls the preset station. 

## Auxiliary (AUX) devices

### Basic Operations

*Up to five auxiliary devices can be connected to this unit. Name for each auxiliary device can be changed.*

- Auxiliary devices connected to this unit can be activated or deactivated individually. For details, refer to *Switching the auxiliary setting* on page 11.
- This unit can control five devices as **AUX** sources. The following devices can be connected to this unit.

— Devices with **RCA** output; This unit controls them as **AUX1 Main** or **AUX2 AUX**.

*If the device you want to connect as an AUX unit does not have an RCA output, supplied speaker-RCA conversion cable can be used. In this case, the connected device is controlled as **AUX1 Main** or **AUX2 AUX**.*

— Devices with digital output; This unit controls it as **AUX3 Digital**.

— Devices with 3.5 mm mini plug; This unit controls it as **AUX4 MiniPlug**.

— Devices with Pioneer **IP-BUS**; This unit controls it as **AUX5 IP-BUS**.

*Device connected with IP-BUS-RCA interconnector is controlled as **AUX5 IP-BUS**.*



- Press **SOURCE** to select the **AUX1 Main**, **AUX2 AUX**, **AUX3 Digital**, **AUX4 MiniPlug** or **AUX5 IP-BUS**.

- Pressing **AUX/EXT** can also select **AUX1 Main**, **AUX2 AUX**, **AUX3 Digital**, **AUX4 MiniPlug** or **AUX5 IP-BUS**.

## Available accessories

### Editing the auxiliary (AUX) device name

The name displayed for the **AUX1 Main**, **AUX2 AUX**, **AUX3 Digital**, **AUX4 MiniPlug** and **AUX5 IP-BUS** source can be edited.

- The animated source name displayed when the source is selected cannot be changed.

#### 1 Select an AUX source that you want to edit a name for.

Press **SOURCE** to select any of **AUX1 Main**, **AUX2 AUX**, **AUX3 Digital**, **AUX4 MiniPlug** or **AUX5 IP-BUS**.

- If the auxiliary setting is not turned on, **AUX1 Main**, **AUX2 AUX**, **AUX3 Digital**, **AUX4 MiniPlug** or **AUX5 IP-BUS** cannot be selected. For more details, see *Switching the auxiliary setting* on page 11.

#### 2 Click and hold the thumb pad to display the function control screen.

#### 3 Press and hold SHIFT on the function control screen.

Name edit screen is displayed.

#### 4 Press FUNC 1 or FUNC 2 to select the character type.

**FUNC 1:** Alphabet, numbers and symbols


**FUNC 2:** Numbers and symbols

#### 5 Move the thumb pad up or down to select a letter of the alphabet.

#### 6 Move the thumb pad left or right to move the cursor to the previous or next character position.

#### 7 If you have completed entering the auxiliary (AUX) device name, press FUNC 5 to store in memory.

#### 8 Press RETURN to switch to the function control screen.

- Pressing **FUNC 6** also switches to the function control screen. 

Controlling the audio processor

This unit can control Pioneer Audio Processor (e.g. RS-A9, RS-P90 or DEQ-P90) as an audio unit. For details about audio functions, please refer to the combined audio unit's owner's manual. In this regard, some operations described on these owner's manuals are different from this unit's operation. This is caused by the difference of remote control. Please see the following chart and operate the audio unit.

Operations conversion chart

Audio unit	This unit
▲	Move the thumb pad up
▼	Move the thumb pad down
◀	Move the thumb pad left
▶	Move the thumb pad right
Open the cover	Click and hold the thumb pad
Close the cover	Click and hold the thumb pad

Notes

- Audio unit adjustment requires technical skills and knowledge of the automobile sound system, acoustic field, amplifier characteristics and speaker characteristics. If adjustments are difficult or sound is unsatisfactory, please contact an authorized Pioneer dealer.
- When adjustments have already been made at your dealer, the optimum setup for the vehicle's particular interior has been installed in the memory. In this case, recall the corresponding memory for use. For details, refer to the audio unit's owner's manual. ■

Differentia of the audio function

Following functions are different from the functions described in the audio processor's operation manual.

- When using source level adjustment (SLA) function, volume level for each source is set as follows:
  - Multi-CD player, CD and AUX3 are set to the same volume adjustment automatically.
  - AUX2, AUX5, external unit 1 and external unit 2 are set to the same volume adjustment automatically.
  - Discrete volume adjustment can be set to television, DVD, iPod, AUX1 and AUX4.
- Up to four audio settings can be stored in memory.
  - When using this unit with RS-A9 or RS-P90: two base memories, two custom memories and a last memory can be used.
  - When using this unit with DEQ-P90: four memories can be used.
- Audio setting of **AUX1 Main** can be stored in the custom memory 1 independently.
- Memory protection can be used only for the base memory.
  - Memory protection can be used only when RS-A9 or RS-P90 is used with this unit. DEQ-P90 doesn't have this function. ■

## Other Functions

### Other Functions

#### Sound muting

Sound from this unit is muted automatically in the following cases:

- When a call is made or received using a cellular telephone connected to this unit.
- When the voice guidance is output from a Pioneer navigation unit connected to this unit.


The sound is turned off, **MUTE** is displayed and no audio adjustments are possible. Operation returns to normal when the phone connection or the voice guidance is ended.

#### Switching the display indication

Display indication can be switched on or off. To reduce noise, it is effective to switch off the display indication.

- **Press and hold DISPLAY OFF.**

Pressing and holding **DISPLAY OFF** switches the display indication on or off.

- While the display indication is turned off, display off indicator lights up.
- Even if the display indication is turned off, operation can be conducted. If operation is conducted while the display indication is off, display will light up for a few seconds and then turn off again. 

**Important**

- This unit can not be installed in a vehicle that does not have an ACC (accessory) position on the ignition switch.



ACC position



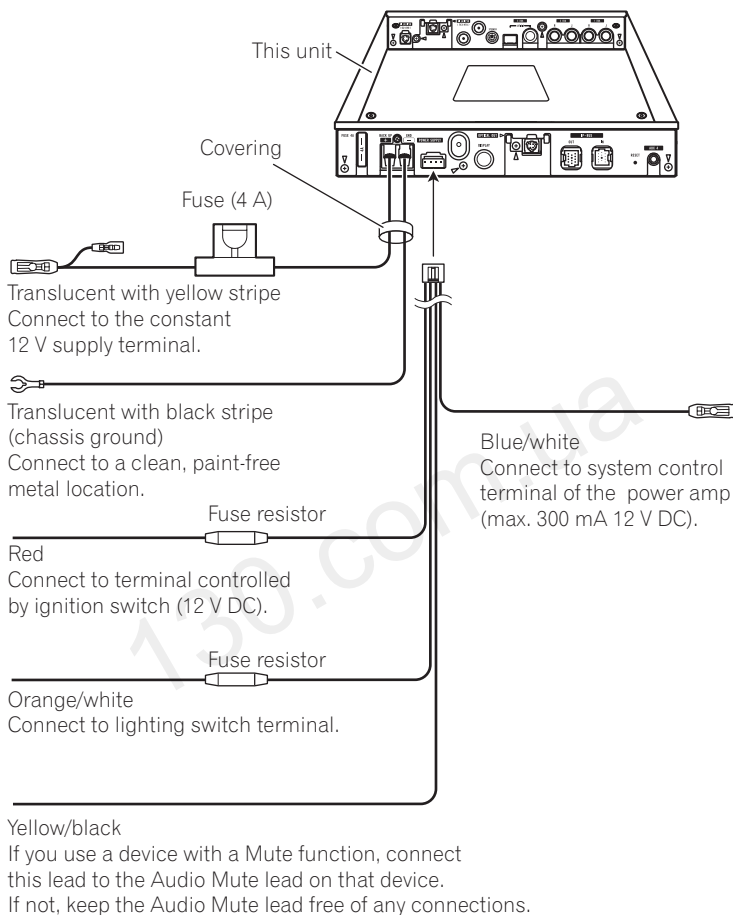
No ACC position

- Use of this unit in conditions other than the following could result in fire or malfunction.
  - Vehicles with a 12-volt battery and negative grounding.
- To prevent a short-circuit, overheating or malfunction, be sure to follow the directions below.
  - Disconnect the negative terminal of the battery before installation.
  - Secure the wiring with cable clamps or adhesive tape. To protect the wiring, wrap adhesive tape around them where they lie against metal parts.
  - Place all cables away from moving parts, such as gear shift and seat rails.
  - Place all cables away from hot places, such as near the heater outlet.
  - Do not pass the battery cable (translucent with yellow stripe) through a hole into the engine compartment to connect to a battery.
  - Cover any disconnected cable connectors with insulating tape.
  - Do not shorten any cables.
  - Never cut the insulation of the power cable of this unit in order to share the power with other devices. Current capacity of the cable is limited.
  - Use a fuse of the rating prescribed.
- Refer to the owner's manual for details on connecting the power amp and other units, then make connections correctly.
- IP-BUS connectors are color-coded. Be sure to connect connectors of the same color.

Cord function may differ according to the product, even if cord color is the same. When connecting this system, be sure to check all manuals and connect cords correctly.

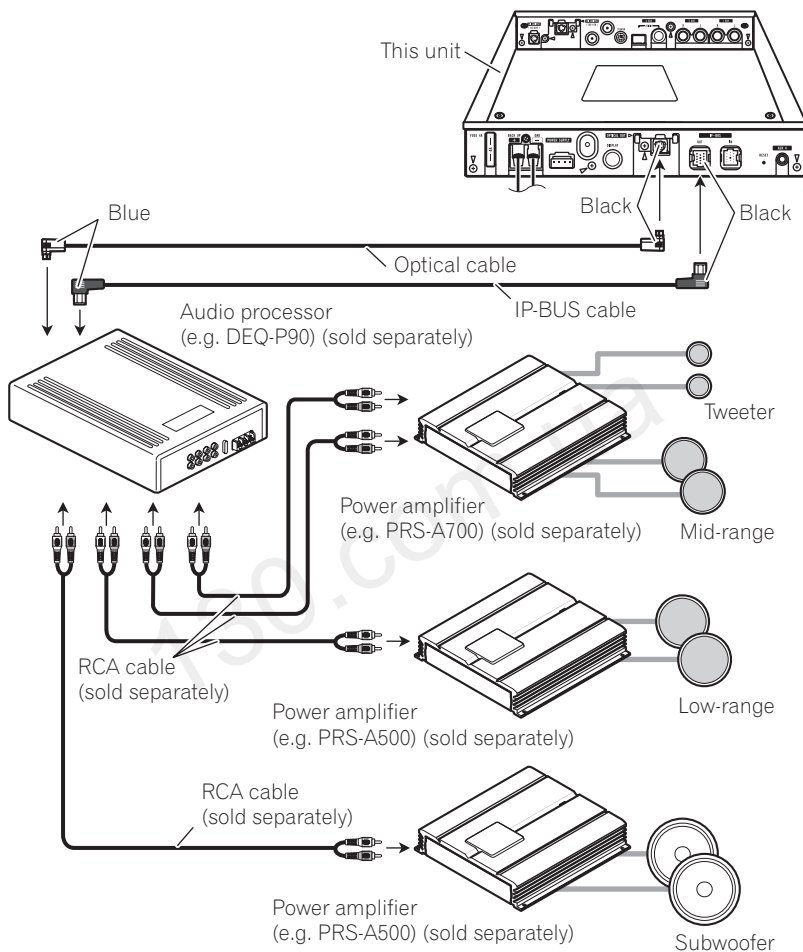
## Connections

### Connecting the power cable



- Cover the back-up terminal and ground terminal of the hide-away unit with the supplied covering. 

## Connecting the audio processor

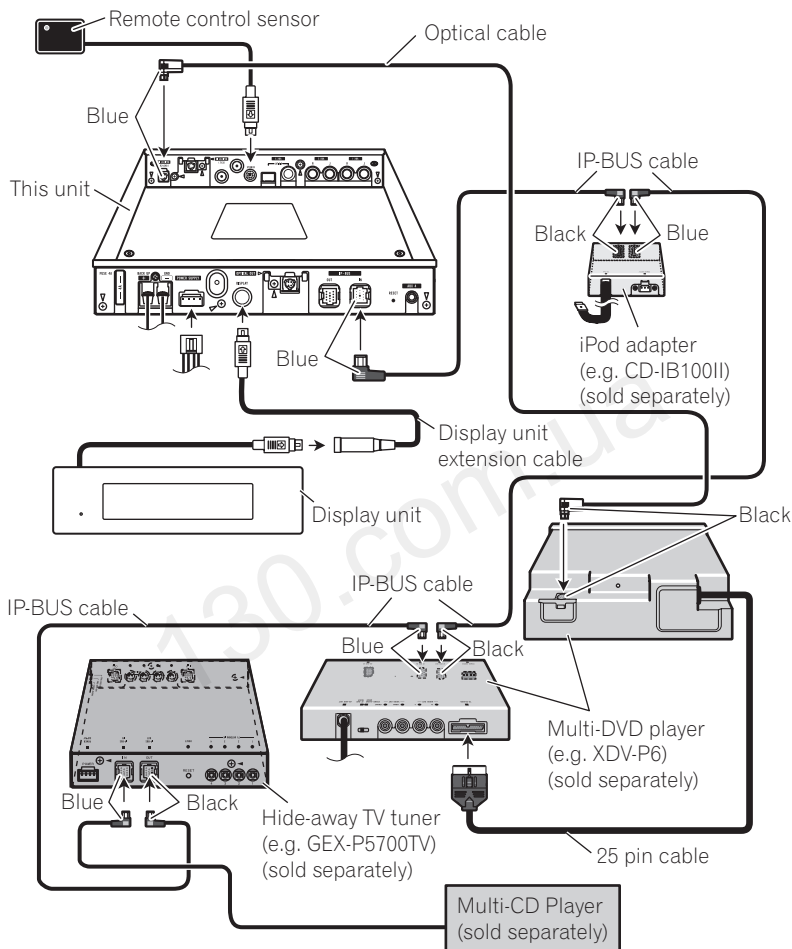


- This illustration is a connection example. For details concerning connection with your audio processor, refer to audio processor's owner's manual or contact your Pioneer dealer. ■

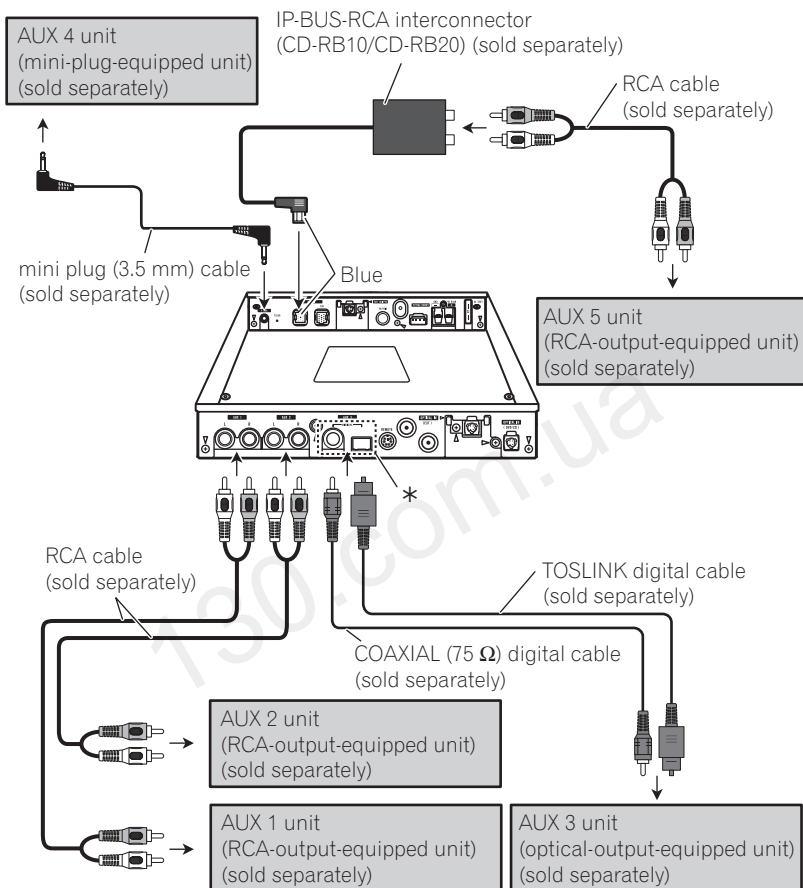


# Connections

## Connecting the Pioneer IP-BUS devices



## Connecting the AUX devices



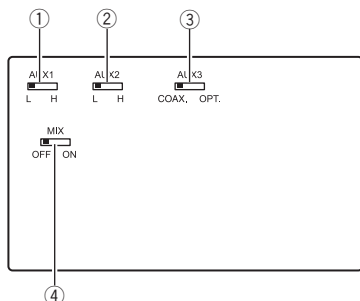
- If the device you want to connect does not have an RCA output, the supplied speaker-RCA conversion cable can be used. For details, refer to *Using the speaker-RCA conversion cable* on the next page.

\* Select COAX-input or TOSLINK-input depending on the connected device's digital output. ☐

## Connections

### Selecting the input setting switch

Depending on the AUX devices connected to this unit, select the input setting switch on the under side of this unit.

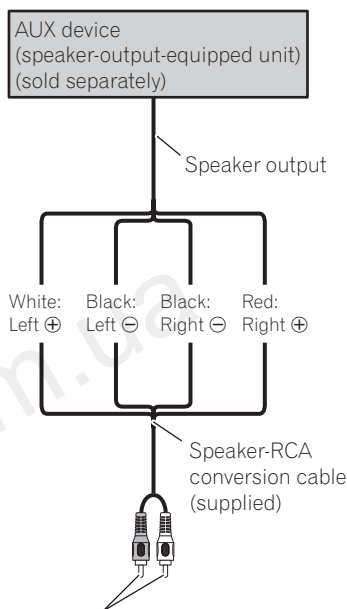


- ① Input level select switch (**AUX1 Main**)  
Input level of AUX1 can be selected between **HIGH** and **LOW**. If amplifier equipped unit is connected to AUX1, select this switch to **HIGH**.
- ② Input level select switch (**AUX2 AUX**)  
Input level of AUX2 can be selected between **HIGH** and **LOW**. If amplifier equipped unit is connected to AUX2, select this switch to **HIGH**.
- ③ Digital input select switch (**AUX3 Digital**)  
Depending on the AUX3 unit, select **COAX**. (COAX digital cable) or **OPT.** (TOSLINK digital cable).
- ④ Mixing setting switch  
Sound from **AUX1 Main** and **AUX2 AUX** can be mixed by selecting this switch. ☐

### Using the speaker-RCA conversion cable

If the device you want to connect as an AUX unit does not have an RCA output, the supplied speaker-RCA conversion cable can be used.

- \* If you want to connect the device to this unit as AUX 1 or AUX 2, connect to AUX 1 or AUX 2 input. If IP-BUS-RCA interconnector is used, it is also possible to connect the device as AUX 5.

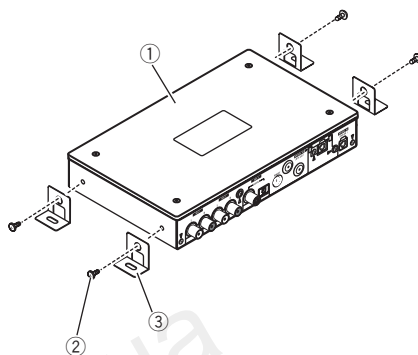


\* To RCA input of this unit.

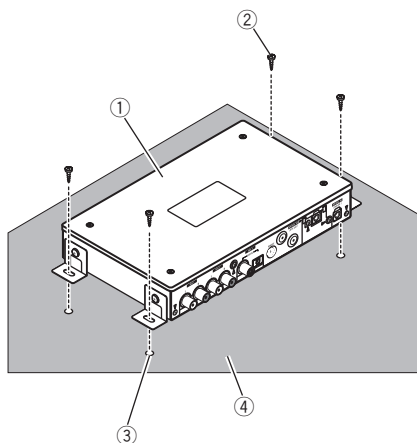


**Important**

- Check all connections and systems before final installation.
- Do not use unauthorized parts. Use of unauthorized parts may cause malfunctions.
- Consult your dealer if installation requires drilling of holes or other modifications to the vehicle.
- Install the unit where it will not get in the driver's way and will not injure passengers if there is a sudden stop.
- When mounting this unit, make sure none of the leads are trapped between this unit and the surrounding metalwork or fittings.
- Do not mount this unit near heater outlets where it would be affected by heat, or near the doors where rainwater might splash onto it.
- Before drilling any mounting holes, always check behind where you want to drill the holes. Do not drill into the gas line, brake line, electrical wiring or other important parts.
- If this unit is installed in the passenger compartment, anchor it securely so it does not break free while the vehicle is moving, causing injury or an accident.
- If this unit is installed under the front seat, make sure it does not obstruct seat movement. Route all leads and cords carefully around the sliding mechanism so they do not get caught or pinched in the mechanism and cause a short-circuit.

**Installing the hide-away unit****1 Attach the mounting brackets to the hide-away unit.**

- ① Hide-away unit
- ② Screw (4 mm × 8 mm)
- ③ Mounting bracket

**2 Install the hide-away unit in the car.**

- ① Hide-away unit
- ② Tapping screw (4 mm × 12 mm)
- ③ Drill a hole of 2 mm to 2.5 mm
- ④ Car mat or chassis

# Installation

## Installing the display unit



### Important

- Do not install the display unit where:
  - it may interfere with operation of the safety devices of the vehicle such as airbags.
  - it may interfere with operation of the vehicle such as steering wheel and gearshift.
  - it may obstruct the driver's view.
 Otherwise, a fatal accident may result.
- Do not mount the display unit on a moving part such as visor.
- Do not mount the display unit on the ceiling.
- Do not mount the display unit on an unstable part.

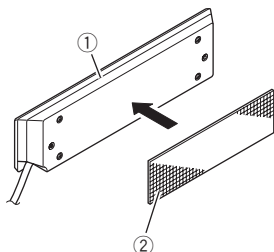
There are four methods to install the display unit.

- Installing with hook and loop fasteners
- Installing with double-sided tape
- Installing with mounting base
- Installing with flush mounting bracket

## Installing with hook and loop fasteners

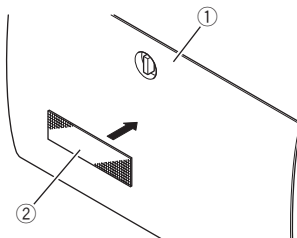
Thoroughly wipe off the surface before affixing the hook and loop fasteners.

### 1 Affix the hook and loop fastener (rough surface) to the display unit.



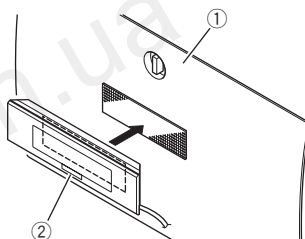
- ① Display unit
- ② Hook and loop fastener (rough surface)

### 2 Affix the hook and loop fastener (soft surface) to dashboard or console.



- ① Dashboard or console
- ② Hook and loop fastener (soft surface)

### 3 Attach the display unit.



- ① Dashboard or console
- ② Display unit

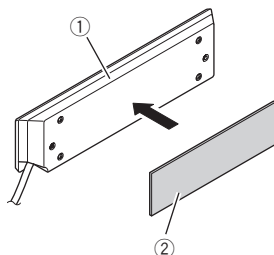
### 4 Route the display cable.

Secure the display cable so that it will not interfere with operation of the vehicle.

## Installing with double-sided tape

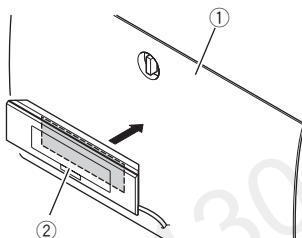
Thoroughly wipe off the surface before affixing the double-sided tape.

### 1 Affix the double-sided tape to the display unit.



- ① Display unit
- ② Double-sided tape

### 2 Attach the display unit.



- ① Dashboard or console
- ② Display unit

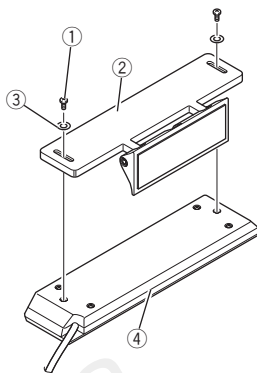
### 3 Route the display cable.

Secure the display cable so that it will not interfere with operation of the vehicle.

## Installing with mounting base

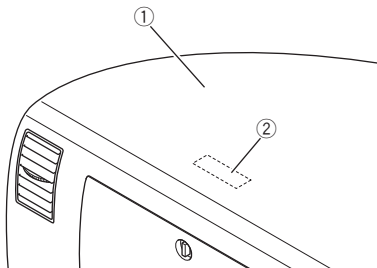
Thoroughly wipe off the surface before affixing the double-sided tape.

### 1 Attach the mounting base to the display unit.



- ① Hexagonal head screw (2.6 mm × 6 mm)
- ② Mounting base
- ③ Flat washer
- ④ Display unit

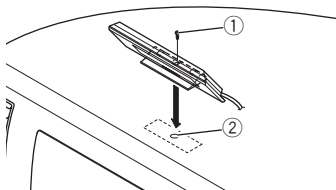
### 2 Decide where to place the display unit.



- ① Dashboard or console
- ② Place to install

## Installation

### 3 Fix the display unit with the screw and the double-sided tape.

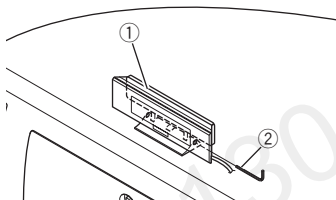


① Screw

② Drill a hole of 1.5 mm

■ Display unit and the mounting base should be horizontal at this step. Otherwise, fixing with screw is impossible.

### 4 Adjust the angle of the display unit.



① Display unit

② Hexagonal wrench

### 5 Route the display cable.

Secure the display cable so that it will not interfere with operation of the vehicle.

## Mounting with flush mounting bracket

Thoroughly wipe off the surface before affixing the double-sided tape.



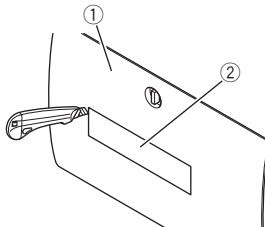
### Important

This installation method requires specialized knowledge and skills. For the sake of safety, be sure to consult your dealer about installation.

### 1 Detach the dashboard or console panel where you want to install the display unit.

### 2 Make a hole in the dashboard or console as illustrated.

To make a hole, use a cut paper stencil printed on the contain box.



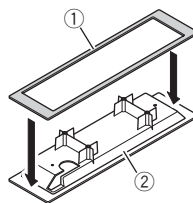
① Dashboard or console

② Cut paper stencil

■ If the size of the hole is too big, the display unit may be accidentally detached. In this case, a traffic accident or injury may result.

■ Before drilling any mounting holes, always check behind where you want to drill the holes. Do not drill into the gas line, brake line, electrical wiring or other important parts.

### 3 Affix the double-sided tape along the periphery of the behind of the mounting bracket.

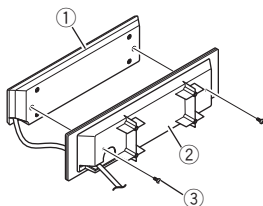


① Double-sided tape

② Mounting bracket



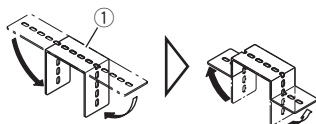
#### 4 Attach the display unit and mounting bracket with the supplied screws.



- ① Display unit
- ② Mounting bracket
- ③ Screw (2.6 mm × 5 mm)

#### 5 Bend the metal bands as illustrated.

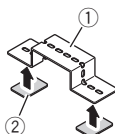
Bend the metal bands to fit the place where you want to install the display unit.



- ① Metal band

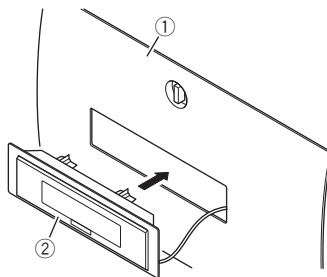
■ The metal bands are stiff. To bend the metal bands, we recommend that you use pliers or vise.

#### 6 Affix the double-sided tape to both ends of the metal bands.



- ① Metal band
- ② Double-sided tape

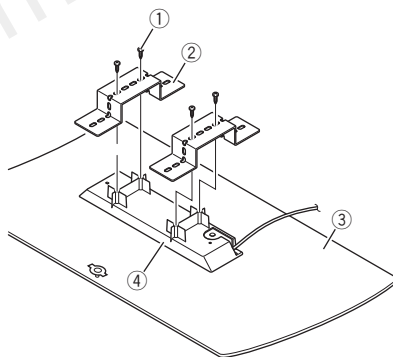
#### 7 Apply the display unit to the dashboard or console panel.



- ① Dashboard or console
- ② Display unit

#### 8 Attach the mounting bracket and metal bands with the supplied screws.

- Make sure that the display unit is firmly seated.



- ① Screw (3 mm × 12 mm)
- ② Metal band
- ③ Dashboard or console
- ④ Mounting bracket

#### 9 Route the display cable.

Secure the display cable so that it will not interfere with operation of the vehicle.

- To protect the display cable, wrap protection tape around it where they lie against metal parts.

#### 10 Fix the dashboard or console panel to the original place. ■

## Installation

### Installing the steering remote control

#### Before installing the steering remote control

#### **! WARNING**

- Secure all cables so that they do not interfere with operation of the vehicle. Otherwise, serious danger may result.
- Do not install the steering remote control where:
  - it may interfere with operation of the safety devices of the vehicle such as airbags.
  - it may interfere with operation of the vehicle such as steering wheel and gearshift.
 Otherwise, a fatal accident may result.
- If installation requires removal of the steering wheel, be sure to consult your dealer. Wrong installation or connection may result in fatal accident.

#### **! CAUTION**

- Depending on the type of the vehicle, the steering remote control cannot be installed.
- Installation of the steering remote control requires specialized knowledge and skills. Be sure to consult your dealer about installation.
- Follow the instructions in this manual to install the steering remote control.
- Do not use unauthorized parts. Use of unauthorized parts may cause malfunctions.
- Do not mount the steering remote control near the doors where rainwater might splash onto it.
- Use optional clamps to secure the cable where necessary inside the vehicle.

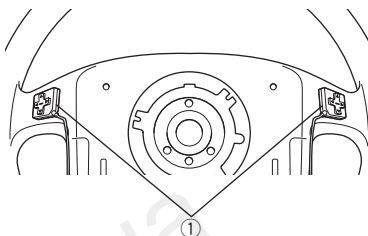
#### Handling guidelines for the steering remote control

- Replace the battery when the steering remote control's performance deteriorates.
- Do not install the steering remote control in place that may obstruct the driver's view.

### Installing the steering remote control

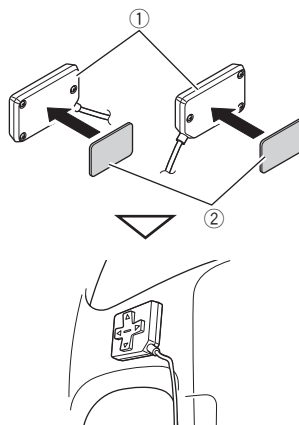
- When the steering remote control is installed on a right-hand-drive car, the horizontal positions are inverted.

#### 1 Decide where to place the steering remote control.



① Steering remote control

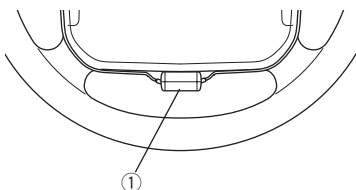
#### 2 Attach the steering remote control behind the steering wheel.



① Steering remote control

② Double-sided tape

### 3 Decide where to place the battery box.



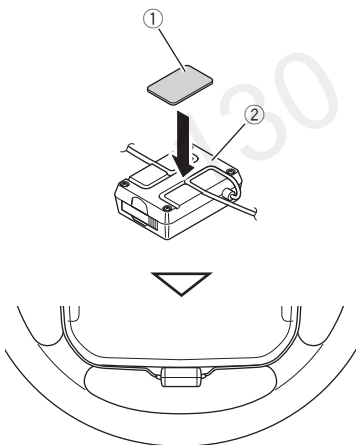
① Battery box

### 4 Route the steering remote control cable.

- If cables are too long, put the cables in the groove on the surface of the battery box.

### 5 Attach the battery box to the underside of the steering wheel.

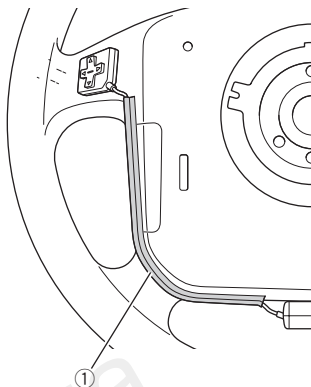
- For your convenience, attach the battery box so that the battery tray is pointed towards the driver's side.



① Double-sided tape

② Battery box

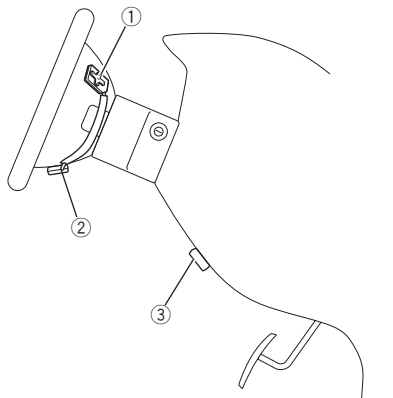
### 6 Secure the steering remote cables with protection sheets.



① Protection sheet

### 7 Attach the remote control sensor to the underside of the steering column cover.

- Check that there are no objects between the battery box and the remote control sensor.



① Steering remote control

② Battery box

③ Remote control sensor

### 8 Route the remote control sensor cable.

- Secure the cable so that it will not interfere with operation of the vehicle. ■

## Additional Information

### Troubleshooting

#### Common

Symptom	Cause	Action (See)
Power doesn't turn on. The unit doesn't operate.	Leads and connectors are incorrectly connected.	Confirm once more that all connections are correct.
	The fuse is blown.	Rectify the reason for the fuse blowing, then replace the fuse. Be very sure to install a fuse with the same rating.
	Noise and other factors are causing the built-in microprocessor to operate incorrectly.	Turn the unit off and then on.
Operation with the remote control isn't possible. The unit does not operate correctly even when the appropriate remote control buttons are pressed.	Battery power is low.	Load new battery. (Page 4)
No sounds are heard. The volume level will not rise.	Cables are not connected correctly.	Connect the cables correctly.
There is no sound. Volume level is low.	The volume level is low.	Adjust the volume level.
	The attenuator is on.	Turn the attenuator off.



Specifications

General

Power source ..... 14.4 V DC (10.8 V to 15.1 V allowable)  
Grounding system ..... Negative type  
Max. current consumption ..... 1.0 A  
Display unit:  
    Dimensions (W × H × D) ..... 165 × 44 × 16.4 mm  
    Weight ..... 0.13 kg  
Hideaway unit:  
    Dimensions (W × H × D) ..... 252 × 40 × 152 mm  
    Weight ..... 1.5 kg

Audio

Input

Analogue

Line ..... 1.5 V  
Speaker (AUX1, AUX2) ..... 10 V

Digital

LPCM ..... 44.1 kHz to 96 kHz

Output

Digital

LPCM ..... 44.1 kHz



Note

Specifications and the design are subject to modifications without notice due to improvements. ■

**<http://www.pioneer.eu>**

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